

In the Claims

1. (Currently Amended) A conveyor belt module for use in a modular conveying assembly, said module comprising:

a body having a top surface defined by a leading edge and a trailing edge joined by side edges;

a first hinge member extending forwardly from said body in ~~the~~ direction of conveyor travel and including a first opening defining a first space extending along an axis transverse to the direction of conveyor travel for receiving a first hinge pin;

a second hinge member extending from said body in a direction opposite to the first hinge member and including a second opening defining a second space extending along an axis transverse to the direction of conveyor travel for receiving a second hinge pin; and

a stub extending from said first hinge member transverse to the direction of conveyor travel, and surrounding at least a portion of said first space for rotatably mounting a roller thereon for rotation around said first space; and

a roller encircling said stub for rotation around said first space.

2. (Cancelled)

3. (Currently Amended) The conveyor belt module as in claim 21, in which said roller extends above the module.

4. (Currently Amended) The conveyor belt module as in claim 21, in which said roller extends below the module.

5. (Currently Amended) The conveyor belt module as in claim 1, in which ~~said conveyor module includes a top surface defined by a leading edge and a trailing edge joined by side edges, and said first hinge members extends forwardly from said leading edge, and said second hinge member extends rearwardly from said trailing edge.~~

6. (Currently Amended) The conveyor belt module as in claim 51 in which said top surface includes a notch for a portion of the roller extending therethrough above said top surface.

7. (Original) The conveyor belt module as in claim 1, in which said stub extends in a first transverse direction from said first hinge member, and second stub extends in a second transverse direction from said second hinge member, and said first transverse direction is opposite of said second transverse direction.

8. (Original) The conveyor belt module as in claim 1, in which said conveyor module includes at least one other first hinge member and at least one other second hinge member, said first other hinge member extending forwardly in the direction of conveyor travel and including an opening coaxial with said first opening and defining said first space extending along an axis transverse to the direction of conveyor travel for receiving the first hinge pin, and said second other hinge member extending forwardly in the direction of conveyor travel and including an opening coaxial with said second opening and defining said second space extending along an axis transverse to the direction of conveyor travel for receiving the second hinge pin.

9. (Currently Amended)

A conveyor belt module for use in a modular conveying assembly, said module comprising:

a first hinge member extending forwardly in a direction of conveyor travel and including a first opening defining a first space extending along an axis transverse to the direction of conveyor travel for receiving a first hinge pin;

a second hinge member extending in a direction opposite to the first hinge member and including a second opening defining a second space extending along an axis transverse to the direction of conveyor travel for receiving a second hinge pin;

a stub extending from said first hinge member transverse to the direction of conveyor travel, and surrounding at least a portion of said first space for rotatably mounting a roller thereon for rotation around said first space, said stub including The conveyor belt module as in claim 1, in which said stub includes a proximal end fixed to said first hinge member and a distal end; and

a lip extending radially from said stub around at least a portion of said stub proximal said distal end to prevents the roller from slipping axially off of said stub.

10. (Currently Amended) A conveyor belt module for use in a modular conveying assembly, said module comprising:

a first hinge member extending forwardly in a direction of conveyor travel and including a first opening defining a first space extending along an axis transverse to the direction of conveyor travel for receiving a first hinge pin;

a second hinge member extending in a direction opposite to the first hinge member and including a second opening defining a second space extending along an axis transverse to the direction of conveyor travel for receiving a second hinge pin;

a stub extending from said first hinge member transverse to the direction of conveyor travel, and surrounding at least a portion of said first space for rotatably mounting a roller thereon for rotation around said first space, wherein~~The conveyor belt module as in claim 1,~~
~~in which~~ said first space defines a transverse axis which is coaxial with a hinge pin received in the space, and said roller rotates about an axis of rotation offset from said transverse axis.

11. (Original) The conveyor belt module as in claim 10, in which said conveyor module includes a top surface defined by a leading edge and a trailing edge joined by side edges, and said first hinge members extends forwardly from said leading edge, and said second hinge member extends rearwardly from said trailing edge, and said axis of rotation is offset towards said top surface.

12. (Original) The conveyor belt module as in claim 10, in which said conveyor module includes a top surface defined by a leading edge and a trailing edge joined by side edges, and said first hinge members extends forwardly from said leading edge, and said second hinge member extends rearwardly from said trailing edge, and said axis of rotation is offset away from said top surface.

13. (Currently Amended) A modular conveying assembly comprising:
a first conveyor module having a body including first hinge member extending from said body in a direction of conveyor travel, said first hinge member including a first opening, a second hinge member extending from said body in a direction opposite to the first hinge member and including a second opening, and a stub extending from said first hinge member transverse to the direction of conveyor travel;

a second conveyor module having a first hinge member extending in a direction of conveyor travel, said first hinge member including a first opening, a second hinge member extending in a direction opposite to the first hinge member and including a second opening, wherein said first opening of said first conveyor module is substantially aligned with said second opening of said second conveyor module, and said stub extending from said first hinge member of said first conveyor module extends toward said second hinge member of said second conveyor module; and

a hinge pin extending through said first opening of said first conveyor module and said second opening of said second conveyor module, and said stub wrapping around at least a portion of said hinge pin; and

a roller encircling said stub for rotation around said hinge pin.

14. (Cancelled)
15. (Currently Amended) The modular conveying assembly as in claim 14₁₃, in which said roller extends above the module.
16. (Currently Amended) The modular conveying assembly as in claim 14₁₃, in which said roller extends below the module.
17. (Currently Amended) The modular conveying assembly as in claim 13, in which said first conveyor module body includes a top surface defined by a leading edge and a trailing edge joined by side edges, and said first hinge members extends forwardly from said leading edge, and said second hinge member extends rearwardly from said trailing edge.
18. (Original) The modular conveying assembly as in claim 17, in which said top surface includes a notch for a portion of the roller extending therethrough above said top surface.
19. (Original) The modular conveying assembly as in claim 13, in which said stub extends in a first transverse direction from said first hinge member, and a second stub extends in a second transverse direction from said second hinge member, and said first transverse direction is opposite of said second transverse direction.

20. (Original) The modular conveying assembly as in claim 13, in which said first conveyor module includes at least one other first hinge member and at least one other second hinge member, said first other hinge member extending forwardly in the direction of conveyor travel and including an opening coaxial with said first opening, and said second other hinge member extending forwardly in the direction of conveyor travel and including an opening coaxial with said second opening.

21. (Original) The modular conveying assembly as in claim 13, in which said stub includes a proximal end fixed to said first hinge member and a distal end, and a lip extending radially from said stub around at least a portion of said stub proximal said distal end prevents the roller from slipping axially off of said stub.

22. (Original) The modular conveying assembly as in claim 13, in which said hinge pin defines a transverse axis, and said roller rotates about an axis of rotation offset from said transverse axis.

23. (Original) The modular conveying assembly as in claim 13, in which said conveyor module includes a top surface defined by a leading edge and a trailing edge joined by side edges, and said first hinge members extends forwardly from said leading edge, and said second hinge member extends rearwardly from said trailing edge, and said axis of rotation is offset towards said top surface.